



P.O. Box 5006  
Fremont, CA 94537-5006

## **Environmental Sustainability Commission Agenda and Report – March 6, 2014**

### **General Order of Business**

1. Call to Order
2. Roll Call
3. Written and Oral Communications
4. Approval of Minutes/Agenda Review
5. Staff Presentations and Action Items
6. Adjournment

### **Order of Discussion**

Generally, the order of discussion after introduction of an item by the Chair will include comments and information by staff followed by Environmental Sustainability Commission (ESC) questions or inquiries. An authorized representative or interested citizen may then speak on the item. At the close of public discussion, the item will be considered by the ESC and action taken.

### **Addressing the Environmental Sustainability Commission**

Any person may speak on any item under discussion by the ESC after receiving recognition from the Chair. When addressing the ESC, please state your name and address. In order to insure all persons have the opportunity to speak, a time limit may be set by the Chair for each speaker. In the interest of time, please limit your comments to new material; do not repeat what a prior speaker has said.

### **Oral Communications**

Any person desiring to speak on a matter, which is not scheduled on this agenda, may do so under the Oral Communications section. Please be aware provisions of the California Government Code Section 54954.2(b) prohibit the ESC from taking any immediate action on an item, which does not appear on the agenda, unless it meets stringent requirements. The Chair may limit the length of your presentation.

### **Information**

For agenda copies or information about the City or items scheduled on the Agenda and Report refer to: Community Development Department, P.O. Box 5006, Fremont, CA 94537-5006, ph (510) 494-4557.

Agenda & Report

Meeting at 4:00 p.m. March 6, 2014

*Your interest in the conduct of your City's business is appreciated.*

## **Environmental Sustainability Commission**

Haroon Rasheed, Student  
Nina Moore, Business Community  
John Rennels, Development/Construction Industry  
Richard Godfrey, Environmental Organization (Chair)  
Shiva Swaminathan, Public At Large (Vice-Chair)  
Carolyn Obata, Public At Large  
Daniel O'Donnell, Public At Large

## **Staff**

Dan Schoenholz, Deputy Director,  
Community Development  
Rachel DiFranco, Sust. Coord.,  
Community Development  
Marcia Fildes, Sr. Office Specialist,  
Community Development

### **AGENDA FREMONT ENVIRONMENTAL SUSTAINABILITY COMMISSION (ESC) 4:00 p.m. March 6<sup>th</sup>, 2014**

**Niles Room, Development Services Center  
39550 Liberty Street, Fremont, CA 94538**

- 1. Call to order (*Chair Godfrey*)**
- 2. Roll call and introduction of staff (5 min.)**
- 3. Oral and written communications (5 min.)**
- 4. Approval of minutes and review of agenda (5 min.)**
- 5. Scheduled items**
  - 5.1 Presentation from Alameda County Water District (20 minutes)**

**BACKGROUND:** Water Conservation Supervisor Stephanie Nevins from ACWD will present on current drought conditions and discuss current and future plans for water conservation in the area.

**RECOMMENDATION:** Receive and consider

#### **5.2 Fremont GHG Inventory Update (60 minutes)**

**BACKGROUND:** In 2012, Fremont City Council approved the adoption of the Climate Action Plan, which set a goal of reducing greenhouse gas (GHG) emissions in Fremont by 25% by the year 2020 from a 2005 baseline year. As an update to the City's initial

2005 greenhouse gas inventory that served as the baseline for the Climate Action Plan, the City has recently completed the 2010 Greenhouse Gas Emissions Inventory Update.

This report first updates the original 2005 baseline inventory according to new methodology as established by the Bay Area Air Quality Management District (BAAQMD) and ICLEI (Local Governments for Sustainability). The updated methodology shows that for the 2005 baseline year, activities in the City of Fremont resulted in 1,698,000 metric tons of carbon dioxide equivalent (metric tons CO<sub>2</sub>e), which is relatively consistent (within 3%) to the original baseline inventory utilized in the Climate Action Plan (1,660,000 metric tons CO<sub>2</sub>e).

Using the same methodology, community emissions for 2010 are detailed in this report, showing that for 2010, activities in the City of Fremont resulted in 1,516,500 metric tons CO<sub>2</sub>e. While emissions were reduced to varying degrees depending on the sector (transportation, residential energy, commercial & industrial energy, water, and waste), each sector did see a decrease in emissions over the 5 year period in question. Overall, in 2010, community-wide emissions in Fremont had decreased approximately 11% – or 181,500 metric tons CO<sub>2</sub>e – from the updated 2005 baseline. If this rate of emission reduction were to continue, Fremont would meet its 2020 target.

While the update shows that the community is reducing greenhouse gas emissions, it also notes that many factors, including the mix of power sources utilized by PG&E in a given year and the level of economic activity in a given year, have a major effect on emission levels. The report recommends that the City continue to implement measures outlined in the Climate Action Plan while also continuing to monitor emissions and progress towards the 2020 goal.

Staff will present the report in its entirety to the commission and go over some of the key details by sector. The commission will then have time to discuss report findings and the implications this has for setting goals and priorities in future Climate Action implementation.

The report can be viewed online at <http://www.fremont.gov/DocumentCenter/View/21702>.

**RECOMMENDATION:** Receive and consider

### **5.3 Project Updates (15 minutes)**

Staff will provide updates on various City sustainability efforts, including: over-the-counter residential solar permitting pilot; Earth Day events; Home Energy Analyzer - Fremont Energy Challenge; Georgetown University Energy Prize; electric vehicle infrastructure; pilot car sharing program; and Chevron Energy Services investment grade audit.

**RECOMMENDATION:** Receive and consider

### **5.4 Commissioner Announcements (10 minutes)**

This is an opportunity for Commission members to make announcements on matters of interest to the Commission as a whole.

## **6. Adjourn**